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Table 7. - Heavy minerals, in percent, in grab samples from the Hell Creek Formation (Upper Cretaceous) in Williston basin

[Total nonopaque minerals = 100 percent]

Sample No.	Stratigraphic interval below top of formation (feet)		Nonopaque minerals															Total heavy- mineral fraction		of grains			
		Garnet	Zircon	Augite	Hornblende	Tourmaline	Sphene	Rutile	Apatite	Biotite	Hypersthene	Staurolite	Sillimanite	Kyanite	Monazite	Chlorite	Epidote	Clinozoisite	Zoisite	Andalusite	Nonopaques	Opaques	Total number nonopaque g counted
North Cave Hills, SE\SW\z sec. 13, T. 21 N., R. 5 E., Harding County, S. Dak.																							
CSD-16	100	7	5	0	1	16	0	0	0	3	0	1	1.	0	0	4	54	4	1	3	22	78	94
South Cave Hills, SEASWA sec. 31, T. 20 N., R. 5 E., Harding County, S. Dak.																							
CSD-32	150	19	10	0	8	7	4	0	0	8	0	0	0	0	0	1	36	5	1	1	14	86	84

BASIC ANALYTICAL AND WELL DATA SUMMARIZED IN U.S. GEOLOGICAL SURVEY PROFESSIONAL PAPER 463, BY N. M. DENSON AND J. R. GILL, 1965